

Title (en)

Device and method for use in a shower system

Title (de)

Vorrichtung und Verfahren zur Verwendung in einem Dusch-System

Title (fr)

Dispositif et procédé destinés à l'utilisation dans un système de douche

Publication

EP 2210986 A1 20100728 (DE)

Application

EP 08022554 A 20081230

Priority

EP 08022554 A 20081230

Abstract (en)

The device (1) has pipes (3, 4), a communication nozzle (3a), a mixing chamber (6) and a flow regulator (8) for adding a medium e.g. fragrance, washing active agent and colorant, to shower water via a supply device. The pipes, the nozzle, the chamber and the regulator are designed such that the pipes, the nozzle, the chamber and the regulator work according to the principle of a water jet pump. The supply device is formed as a replaceable capsule (7). The flow regulator controls the flow of medium to the shower water. An independent claim is also included for a method for mixing hot and cold water.

Abstract (de)

Die Erfindung betrifft ein Dusch-System, eine Vorrichtung zur Verwendung in einem Dusch-System, und ein diesbezügliches Verfahren. Die Vorrichtung weist eine Einrichtung (3, 3a, 4, 6, 8) zum Zufügen eines Mediums zum Dusch-Wasser auf. Die Einrichtung (3, 3a, 4, 6, 8) kann so ausgestaltet sein, dass sie nach dem Prinzip einer Wasserstrahlpumpe arbeitet. Vorteilhaft enthält das zum Dusch-Wasser zugefügte Medium ein oder mehrere Duft-Medien.

IPC 8 full level

E03C 1/046 (2006.01); **B05B 7/24** (2006.01); **F04F 5/46** (2006.01)

CPC (source: EP US)

E03C 1/046 (2013.01 - EP US); **F04F 5/463** (2013.01 - EP US); **Y10S 4/903** (2013.01 - US); **Y10T 137/0318** (2015.04 - EP US); **Y10T 137/2526** (2015.04 - EP US); **Y10T 137/87587** (2015.04 - EP US); **Y10T 137/87611** (2015.04 - EP US); **Y10T 137/87627** (2015.04 - EP US)

Citation (applicant)

- EP 1031665 A2 20000830 - MOOSBURGER VERENA [DE]
- US 5716006 A 19980210 - LOTT WILLIAM GERALD [US]
- US 3207445 A 19650921 - COURT FRANK B, et al
- US 2003189106 A1 20031009 - CERNIK JULIE A [US]
- FR 2620470 A1 19890317 - GRUFFY GEORGES [FR]
- JP 2000197575 A 20000718 - MATSUSHITA SEIKO KK

Citation (search report)

- [X] EP 1031665 A2 20000830 - MOOSBURGER VERENA [DE]
- [X] US 5716006 A 19980210 - LOTT WILLIAM GERALD [US]
- [X] US 3207445 A 19650921 - COURT FRANK B, et al
- [X] US 2003189106 A1 20031009 - CERNIK JULIE A [US]

Cited by

FR2996568A1; FR3088186A1; US9303392B2; WO2011107221A1; WO2014053779A1; EP2363539A1; EP2369069A1; WO2020043499A1; WO2020099756A1; EP2431541B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2210986 A1 20100728; EP 2210986 B1 20110629; AT E514820 T1 20110715; CN 102292506 A 20111221; CN 102292506 B 20140319; DE 112009004587 A5 20120524; EP 2280125 A2 20110202; EP 2280125 A3 20110316; US 2012018000 A1 20120126; US 9022073 B2 20150505; WO 2010075987 A1 20100708

DOCDB simple family (application)

EP 08022554 A 20081230; AT 08022554 T 20081230; CN 200980153247 A 20091218; DE 112009004587 T 20091218; EP 10013814 A 20081230; EP 2009009146 W 20091218; US 200913142710 A 20091218